

[MESSAGE TRANSMITTING QUEUE AND ASSOCIATED METHOD]

Abstract of Disclosure

A message transmitting queue delivers messages between a source controller and a destination controller. According to the message transmitting request of the source controller, sequentially distribute the free message row of the message transmitting queue, and set the message row to the distributed state. After the source controller writes the message of the message row, set the message row to the written state. At this moment, when the message row is in the position that is read sequentially by the destination controller, a read request is issued, so that the destination controller reads the message according to the read request when the reading completes, clears the distributed signal and the written signal, so that the message row goes back to the free state. When the message transmitting queue has no free message row, a no free message row signal to inform the source controller is issued.

Figures